



# TORQ Analysis of Industrial Truck and Tractor Operators to Truck Drivers, Light or Delivery Services

## INPUT SECTION:

Transfer	Title	O* NET	Filters		
From Title:	Industrial Truck and Tractor Operators	53-7051.00	Abilities:	Importance Level: 50	Weight: 1
To Title:	Truck Drivers, Light or Delivery Services	53-3033.00	Skills:	Importance Level: 69	Weight: 1
Labor Market Area:	Maine Statewide		Knowledge:	Importance Level: 69	Weight: 1

## OUTPUT SECTION:

Grand TORQ:

87

Ability TORQ				Skills TORQ				Knowledge TORQ			
Level			88	Level			85	Level			88
Gaps To Narrow if Possible				Upgrade These Skills				Knowledge to Add			
Ability	Level	Gap	Impt	Skill	Level	Gap	Impt	Knowledge	Level	Gap	Impt
Oral Expression	57	11	56	No Skills Upgrade Required!				No Knowledge Upgrades Required!			
Speech Recognition	41	4	59								
Time Sharing	42	3	50								
Far Vision	48	2	65								
Spatial Orientation	44	2	62								

LEVEL and IMPT (IMPORTANCE) refer to the Target Truck Drivers, Light or Delivery Services. GAP refers to level difference between Industrial Truck and Tractor Operators and Truck Drivers, Light or Delivery Services.

## ASK ANALYSIS

### Ability Level Comparison - Abilities with importance scores over 50

Description	Industrial Truck and Tractor Operators	Truck Drivers, Light or Delivery Services	Importance
Multilimb Coordination	57	46	68
Far Vision	46	48	65
Problem Sensitivity	42	37	62
Spatial Orientation	42	44	62
Static Strength	71	55	62
Manual Dexterity	44	42	59
Control Precision	55	42	59



Reaction Time	57	<div><div></div></div>	<div><div></div></div>	50	<div><div></div></div>	59
Near Vision	41	<div><div></div></div>	<div><div></div></div>	41	<div><div></div></div>	59
Speech Recognition	37	<div><div></div></div>	<div><div></div></div>	41	<div><div></div></div>	59
Speech Clarity	41	<div><div></div></div>	<div><div></div></div>	41	<div><div></div></div>	59
Oral Comprehension	53	<div><div></div></div>	<div><div></div></div>	50	<div><div></div></div>	56
Oral Expression	46	<div><div></div></div>	<div><div></div></div>	57	<div><div></div></div>	56
Depth Perception	55	<div><div></div></div>	<div><div></div></div>	41	<div><div></div></div>	56
Written Comprehension	42	<div><div></div></div>	<div><div></div></div>	37	<div><div></div></div>	53
Selective Attention	46	<div><div></div></div>	<div><div></div></div>	41	<div><div></div></div>	53
Response Orientation	53	<div><div></div></div>	<div><div></div></div>	50	<div><div></div></div>	53
Information Ordering	44	<div><div></div></div>	<div><div></div></div>	35	<div><div></div></div>	50
Time Sharing	39	<div><div></div></div>	<div><div></div></div>	42	<div><div></div></div>	50
Arm-Hand Steadiness	41	<div><div></div></div>	<div><div></div></div>	34	<div><div></div></div>	50
Stamina	50	<div><div></div></div>	<div><div></div></div>	32	<div><div></div></div>	50
Extent Flexibility	59	<div><div></div></div>	<div><div></div></div>	42	<div><div></div></div>	50
Skill Level Comparison - Abilities with importance scores over 69						
Description	Industrial Truck and Tractor Operators	Truck Drivers, Light or Delivery Services	Importance			
Knowledge Level Comparison - Knowledge with importance scores over 69						
Description	Industrial Truck and Tractor Operators	Truck Drivers, Light or Delivery Services	Importance			

Experience & Education Comparison								
Related Work Experience Comparison				Required Education Level Comparison				
Description		Industrial Truck and Tractor Operators		Truck Drivers, Light or Delivery Services		Description	Industrial Truck and Tractor Operators	Truck Drivers, Light or Delivery Services
10+ years		0%	0%			Doctoral	0%	0%
8-10 years		0%	0%			Professional Degree	0%	0%
6-8 years		0%	0%			Post-Masters Cert	0%	0%
4-6 years		0%	0%			Master's Degree	0%	0%
2-4 years		22%	<div><div></div></div>	0%		Post-Bachelor Cert	0%	0%
1-2 years		9%	<div><div></div></div>	12%		Bachelors	0%	0%
6-12 months		24%	<div><div></div></div>	33%		AA or Equiv	0%	0%
3-6 months		15%	<div><div></div></div>	2%		Some College	0%	1%
1-3 months		13%	<div><div></div></div>	9%		Post-Secondary Certificate	29%	0%
0-1 month		6%	<div><div></div></div>	6%		High School Diploma or GED	59%	75%
None		8%	<div><div></div></div>	34%		No HSD or GED	11%	22%
Industrial Truck and Tractor Operators				Truck Drivers, Light or Delivery Services				
Most Common Educational/Training Requirement:								
Short-term on-the-job training			Short-term on-the-job training					
Job Zone Comparison								
2 - Job Zone Two: Some Preparation Needed			2 - Job Zone Two: Some Preparation Needed					



Some previous work-related skill, knowledge, or experience may be helpful in these occupations, but usually is not needed. For example, a teller might benefit from experience working directly with the public, but an inexperienced person could still learn to be a teller with little difficulty.

These occupations usually require a high school diploma and may require some vocational training or job-related course work. In some cases, an associate's or bachelor's degree could be needed.

Employees in these occupations need anywhere from a few months to one year of working with experienced employees.

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## Tasks

### Industrial Truck and Tractor Operators

#### Core Tasks

##### Generalized Work Activities:

- Operating Vehicles, Mechanized Devices, or Equipment - Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft.
- Handling and Moving Objects - Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things.
- Getting Information - Observing, receiving, and otherwise obtaining information from all relevant sources.
- Performing General Physical Activities - Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials.
- Identifying Objects, Actions, and Events - Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events.

#### Specific Tasks

##### Occupation Specific Tasks:

- Hook tow trucks to trailer hitches and fasten attachments, such as graders, plows, rollers, and winch cables to tractors, using hitchpins.
- Manually load or unload materials onto or off pallets, skids, platforms, cars, or lifting devices.
- Move controls to drive gasoline- or electric-powered trucks, cars, or tractors and transport materials between loading, processing, and storage areas.
- Move levers and controls that operate lifting devices, such as forklifts, lift beams and swivel-hooks, hoists, and elevating platforms, to load, unload, transport, and stack material.
- Operate or tend automatic stacking,

### Truck Drivers, Light or Delivery Services

#### Core Tasks

##### Generalized Work Activities:

- Operating Vehicles, Mechanized Devices, or Equipment - Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft.
- Getting Information - Observing, receiving, and otherwise obtaining information from all relevant sources.
- Handling and Moving Objects - Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things.
- Performing for or Working Directly with the Public - Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests.
- Performing General Physical Activities - Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials.

#### Specific Tasks

##### Occupation Specific Tasks:

- Drive trucks equipped with public address systems through city streets in order to broadcast announcements for advertising or publicity purposes.
- Drive vehicles with capacities under three tons in order to transport materials to and from specified destinations such as railroad stations, plants, residences and offices, or within industrial yards.
- Inspect and maintain vehicle supplies and equipment, such as gas, oil, water, tires, lights, and brakes in order to ensure that vehicles are in proper working condition.
- Load and unload trucks, vans, or automobiles.
- Maintain records such as vehicle logs, records of cargo, or billing statements in



loading, packaging, or cutting machines.

- Perform routine maintenance on vehicles and auxiliary equipment, such as cleaning, lubricating, recharging batteries, fueling, or replacing liquefied-gas tank.
- Position lifting devices under, over, or around loaded pallets, skids, and boxes, and secure material or products for transport to designated areas.
- Signal workers to discharge, dump, or level materials.
- Turn valves and open chutes to dump, spray, or release materials from dump cars or storage bins into hoppers.
- Weigh materials or products, and record weight and other production data on tags or labels.

#### Detailed Tasks

##### Detailed Work Activities:

- fasten attachments or accessories to tractor
- inspect material moving equipment
- load, unload, or stack containers, materials, or products
- maintain or repair cargo or passenger vehicle
- maintain production or work records
- measure, weigh, or count products or materials
- move or fit heavy objects
- operate cargo handling gear
- operate forklift
- operate material moving, loading, or unloading equipment
- operate packaging or banding machine or equipment
- operate tractor with accessories or attachments
- perform safety inspections in manufacturing or industrial setting
- signal directions or warnings to coworkers
- use hand or power tools
- use vehicle repair tools or safety equipment
- use weighing or measuring devices in transportation

#### Technology - Examples

##### Inventory management software

- Argos Software ABECAS Insight WMS
- ATMS StockTrack PLUS
- BarControl Enterprise Manager iBEM
- IntelliTrack Warehouse Management System WMS

accordance with regulations.

- Obey traffic laws, and follow established traffic and transportation procedures.
- Perform emergency repairs such as changing tires or installing light bulbs, fuses, tire chains, and spark plugs.
- Present bills and receipts, and collect payments for goods delivered or loaded.
- Read maps, and follow written and verbal geographic directions.
- Report any mechanical problems encountered with vehicles.
- Report delays, accidents, or other traffic and transportation situations to bases or other vehicles, using telephones or mobile two-way radios.
- Sell and keep records of sales for products from truck inventory.
- Turn in receipts and money received from deliveries.
- Use and maintain the tools and equipment found on commercial vehicles, such as weighing and measuring devices.
- Verify the contents of inventory loads against shipping papers.

#### Detailed Tasks

##### Detailed Work Activities:

- collect payment
- drive automobile, van, or light truck
- examine vehicle to detect malfunctions, damage, or maintenance needed
- follow traffic laws
- load, unload, or stack containers, materials, or products
- maintain or repair cargo or passenger vehicle
- maintain records, reports, or files
- perform safety inspections in transportation setting
- prepare reports
- prepare safety reports
- provide customer service in surface transportation
- read maps
- sell merchandise
- service vehicle with water, fuel, or oil
- transport passengers or cargo
- use established traffic or transportation procedures
- use geographic positioning system (GPS)
- use local or regional geographical knowledge to transportation
- use two-way radio or mobile phone
- use vehicle repair tools or safety equipment
- verify cargo against shipping papers



- Lilly Software Associates VISUAL DCMS

- Midland Information Systems inventory management software

- Motek Priya

- RedPrairie DLx Warehouse

- SAP warehouse management software

Materials requirements planning logistics and supply chain software

- Aldata G.O.L.D. software

- SSA Global Supply Chain Management

#### Tools - Examples

- Belt conveyors

- Bulk liquid trucks

- Container reach stackers

- Hustlers

- Industrial crane trucks

- Bridgeplates

- Dockboards

- Dollies

- Flatbed trailers

- Booms

- Cantilever trucks

- Fork-grapples

- Motorized hand trucks

- Overhead hoists

- Jacks

- Combination vacuum lifts

- High-lift order picker trucks

- Tank trailers

- Pallet trucks

- Personal computers

- Personnel and burden carriers

- Snow plows

- Swivel hooks

#### Technology - Examples

Data base user interface and query software

- Record keeping software

Industrial control software

- FreightDATA Software

- Package location and tracking software

- Vehicle location and tracking software

Internet browser software

- Internet browser software

Inventory management software

- Computerized inventory tracking software

Route navigation software

- Automatic routing software

#### Tools - Examples

- Light trucks less than 3 tons

- Forklifts

- Global positioning system GPS devices

- Jacks

- Truck lift gates

- Pickup trucks

- Satellite linkup systems

- Vans

- Personal computers

- Electronic clipboards

- Scanners

- Two way radios

- Wheel blocks



- Telescopic forklifts
- On-board computers for sending/receiving instructions
- Wheel chocks
- Banding equipment

### Labor Market Comparison

Description	Industrial Truck and Tractor Operators	Truck Drivers, Light or Delivery Services	Difference
Median Wage	\$ 26,160	\$ 25,210	\$( 950)
10th Percentile Wage	\$ 20,690	\$ 16,870	\$( 3,820)
25th Percentile Wage	N/A	N/A	N/A
75th Percentile Wage	\$ 32,090	\$ 35,180	\$ 3,090
90th Percentile Wage	\$ 38,670	\$ 51,770	\$ 13,100
Mean Wage	\$ 27,920	\$ 29,210	\$ 1,290
Total Employment - 2007	3,210	4,100	890
Employment Base - 2006	3,240	4,364	1,124
Projected Employment - 2016	3,180	4,678	1,498
Projected Job Growth - 2006-2016	-1.8 %	7.2 %	9.0 %
Projected Annual Openings - 2006-2016	82	108	26

### National Job Posting Trends

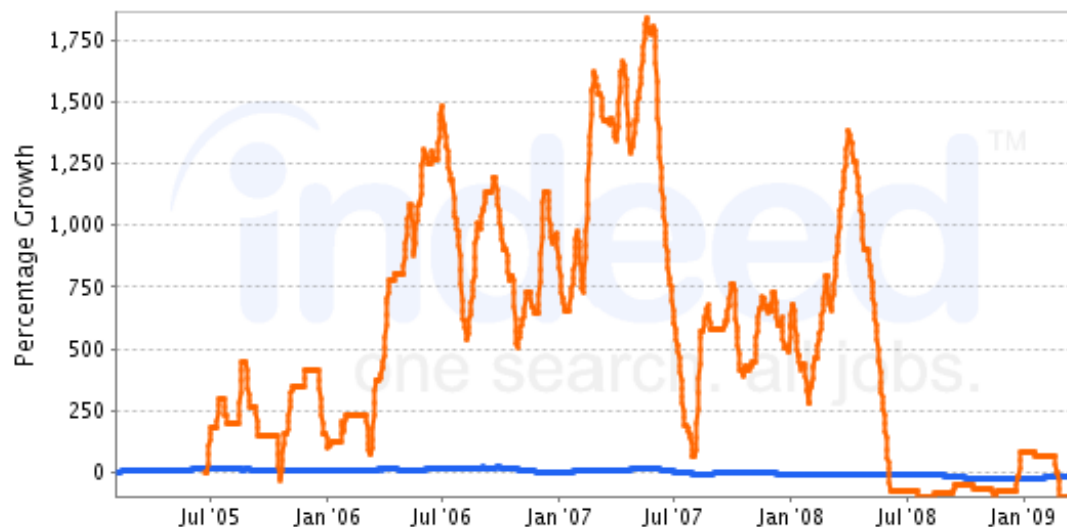
Trend for Industrial Truck and Tractor Operators

Trend for  
Truck  
Drivers,  
Light or  
Delivery  
Services



### Job Trends from Indeed.com

— Industrial Truck and Tractor Operator — Delivery Driver



Data from [Indeed](http://Indeed.com)

### Recommended Programs

Truck, Bus and Other Commercial Vehicle Operator

Truck and Bus Driver/Commercial Vehicle Operation. A program that prepares individuals to apply technical knowledge and skills to drive trucks and buses, delivery vehicles, for-hire vehicles and other commercial vehicles. Includes instruction in operating gas, diesel, or electrically-powered vehicles; loading and unloading cargo or passengers; reporting delays or accidents on the road; verifying load against shipping papers; arranging transportation for personnel; and keeping records of receipts and fares.

No schools available for the program

### Maine Statewide Promotion Opportunities for Industrial Truck and Tractor Operators

O*NET Code	Title	Grand TORQ	Job Zone	Employment	Median Wage	Difference	Growth	Annual Job Openings
53-7051.00	Industrial Truck and Tractor Operators	100	2	3,210	\$26,160.00	\$0.00	-2%	82
53-3032.00	Truck Drivers, Heavy and Tractor-Trailer	85	2	9,940	\$31,140.00	\$4,980.00	3%	246
47-4051.00	Highway Maintenance Workers	84	2	2,210	\$28,790.00	\$2,630.00	7%	60
51-9191.00	Cementing and Gluing Machine Operators and Tenders	84	1	80	\$27,620.00	\$1,460.00	-15%	2
47-4061.00	Rail-Track Laying and Maintenance Equipment Operators	82	1	120	\$36,960.00	\$10,800.00	8%	4



43-5041.00	Meter Readers, Utilities	81	1	90	\$31,240.00	\$5,080.00	-11%	3
51-9041.00	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	81	2	260	\$28,330.00	\$2,170.00	-7%	5
53-4011.00	Locomotive Engineers	81	4	100	\$59,580.00	\$33,420.00	12%	4
37-3013.00	Tree Trimmers and Pruners	81	2	0	\$38,080.00	\$11,920.00	0%	0
53-7063.00	Machine Feeders and Offbearers	81	1	480	\$26,820.00	\$660.00	-22%	9
51-9121.00	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	81	2	850	\$38,860.00	\$12,700.00	-26%	19
51-9196.00	Paper Goods Machine Setters, Operators, and Tenders	81	2	910	\$38,230.00	\$12,070.00	-26%	23
43-5053.00	Postal Service Mail Sorters, Processors, and Processing Machine Operators	80	2	970	\$41,950.00	\$15,790.00	-12%	10
51-2021.00	Coil Winders, Tapers, and Finishers	80	2	90	\$31,910.00	\$5,750.00	-53%	1
51-4023.00	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	80	2	0	\$33,460.00	\$7,300.00	0%	0

### Top Industries for Truck Drivers, Light or Delivery Services

Industry	NAICS	% in Industry	Employment	Projected Employment	% Change
Couriers	492100	14.40%	151,319	162,606	7.46%
Self-employed workers, primary job	000601	9.03%	94,906	101,110	6.54%
General freight trucking	484100	3.91%	41,067	46,451	13.11%
Building material and supplies dealers	444100	3.70%	38,932	49,751	27.79%
Grocery and related product wholesalers	424400	3.60%	37,819	41,354	9.35%
Automotive parts, accessories, and tire stores	441300	3.59%	37,717	36,797	-2.44%
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	423100	2.96%	31,079	35,474	14.14%
Furniture stores	442100	2.65%	27,853	28,420	2.03%





Employment services	561300	2.48%	26,018	32,929	26.56%
Specialized freight trucking	484200	2.43%	25,532	28,759	12.64%
Limited-service eating places	722200	2.07%	21,752	23,707	8.99%
Miscellaneous nondurable goods merchant wholesalers	424900	1.92%	20,165	21,923	8.72%
Automobile dealers	441100	1.60%	16,852	19,117	13.44%
Warehousing and storage	493100	1.43%	14,994	20,027	33.57%
Florists	453100	1.42%	14,890	10,661	-28.40%

### Top Industries for Industrial Truck and Tractor Operators

Industry	NAICS	% in Industry	Employment	Projected Employment	% Change
Warehousing and storage	493100	12.45%	79,310	95,338	20.21%
Building material and supplies dealers	444100	8.14%	51,838	59,620	15.01%
Employment services	561300	6.01%	38,285	43,610	13.91%
Grocery and related product wholesalers	424400	4.08%	25,980	25,568	-1.59%
General freight trucking	484100	3.33%	21,218	21,599	1.80%
Motor vehicle parts manufacturing	336300	2.65%	16,903	12,111	-28.35%
Plastics product manufacturing	326100	2.44%	15,571	14,855	-4.60%
Converted paper product manufacturing	322200	2.19%	13,953	10,538	-24.47%
Lumber and other construction materials merchant wholesalers	423300	2.13%	13,579	14,037	3.37%
Fruit and vegetable preserving and specialty food manufacturing	311400	1.61%	10,255	8,368	-18.40%
Other wood product manufacturing	321900	1.53%	9,723	8,246	-15.19%
Sawmills and wood preservation	321100	1.35%	8,578	6,190	-27.84%
Couriers	492100	1.34%	8,561	8,280	-3.29%
Miscellaneous durable goods merchant wholesalers	423900	1.33%	8,504	8,786	3.32%
Beverage manufacturing	312100	1.21%	7,713	6,519	-15.48%